N'-(4-ethoxy-phenyl)-N,N-dimethyl-formamidine

Other names: Formamidine, 3,3-dimethyl-1-(4-ethoxyphenyl)
Inchi: InChI=1S/C11H16N2O/c1-4-14-11-7-5-10(6-8-11)12-9-13(2)3/h5-9H,4H2,1-3H3
InchiKey: AAIKJGSGJCCZTH-UHFFFAOYSA-N
Formula: C11H16N2O
SMILES: CCOc1ccc(N=CN(C)C)cc1
Mol. weight [g/mol]: 192.26

Physical Properties

Property code	Value	Unit	Source
hf	-27.78	kJ/mol	Joback Method
hvap	50.78	kJ/mol	Joback Method
log10ws	-2.06		Crippen Method
logp	2.307		Crippen Method
mcvol	163.620	ml/mol	McGowan Method
pc	2306.95	kPa	Joback Method
rinpol	1705.00		NIST Webbook
rinpol	1705.00		NIST Webbook
rinpol	1705.00		NIST Webbook
tb	594.28	K	Joback Method
tc	809.67	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R118484&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method: https://en.wikipedia.org/wiki/Joback_method
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature